

## KT-ES1000 Dry Bath Incubator (heating lid)



### Description:

The KT-ES1000 Dry Bath Incubator is a semi-conductor controlled heating & cooling instrument with automatic temperature control design. The flexible timer, constant temperature function and multi-point operation mode make it a unique and an ideal lab instrument.

### Features:

- Instantly displays operation information on the LCD screen.
- Has combined temperature control system and block system. Each block has a built-in temperature sensor and heating/cooling unit, ensuring that temperature control is more accurate and the heating speed is much faster.
- Interchangeable, auto-recognized blocks.
- Adjustable heating lid. Temperature of heating lid can be controlled.
- Multi-point(max. 5 points) and Multi-cycle( Max.99 times) operation modes are provided.
- Auto restart in case of power failure.
- Over-heating protection device is included.
- Built-in temperature calibration function.

## Parameters:

Model	KT-ES1000	KT-ES1000
Block	ES series	ESC series
Temp setting range	0°C~100°C	-10°C~100°C
Temp control range	RT+5°C~100°C	RT.-25°C~100°C
Time range	1sec ~ 99h59min/∞	1sec ~ 99h59min/∞
Temp accuracy	≤±0.3°C@37°C	≤±0.3°C@37°C
Display accuracy	0.1°C	0.1°C
Temp uniformity	≤±0.3°C@37°C	≤±0.3°C@37°C
Heating time	≤12min(from 25°C to 100°C)*	≤12min(from 25°C to 100°C)*
Cooling time 1	---	≤12min(from 100°C to 25°C)*
Cooling time 2	---	≤25min(from RT to RT-25°C)*
Heating lid temp setting range	OFF~+10°C	OFF~+10°C
Heating lid temp accuracy	≤±0.5°C*	≤±0.5°C*
Heating lid heating time	≤10min(from 25°C to 100°C)*	≤10min(from 25°C to 100°C)*
Storage at 4°C	---	Yes *
Multi-points running	Yes(Max 5points)	Yes(Max 5points)
Multi-cycle	Yes(Max 99times)	Yes(Max 99times)
Auto running	Yes	Yes
Auto heating	Yes	Yes
Auto resume to run	Yes	Yes
Capacity	<b>See optional block</b>	<b>See optional block</b>
Power	150W	150W
Voltage	AC110 or AC220V/50-60HZ	AC110 or AC220V/50-60HZ
Fuse	250V 3A Φ5×20	250V 3A Φ5×20
Dimension(mm)	300x200x210	300x200x210
Weight(kg)	4.0	4.7
* Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy is ±0.1°C.		

## Optional Blocks

Type	Capacity	Temp. range
ESC-01	35x2.0ml centrifuge tube	RT-25°C~100°C
ESC-02	35x1.5ml centrifuge tube	RT-25°C~100°C
ESC-03	54x0.5ml centrifuge tube	RT-25°C~100°C
ESC-04	96x0.2ml centrifuge tube	RT-25°C~100°C
ESC-05	96x0.2ml Elisa plate	RT-25°C~100°C
ES-06	35x2.0ml centrifuge tube	RT+5°C~100°C
ES-07	35x1.5ml centrifuge tube	RT+5°C~100°C
ES-08	54x0.5ml centrifuge tube	RT+5°C~100°C
ES-09	96x0.2ml centrifuge tube	RT+5°C~100°C
ES-10	96x0.2ml Elisa plate	RT+5°C~100°C
<b>Contact us for customized blocks.</b>		